

L 31843-66 T JK

ACC NR: AP6021324

(A)

SOURCE CODE: PO/0081/65/019/003/0321/0330

AUTHOR: Kulesza, Aleksandra--Kulesha, A.; Kacprzak, Mirosław--Katspzhak, M.;30
3Milewska, Lucyna--Milewska, L.ORG: Institute of Epidemiology/director: Professor, Doctor of medicine J. Kostrzewski/
PZH, Warsaw (Zaklad Epidemiologii); Regional Public Health and Epidemiological
Station/director: Doctor W. Praszowski/, Lodz (Woj. Stacji San.-Epid.)TITLE: Mass smallpox vaccinations in Poland in 1963 and the incidence of viral hepatitis
SOURCE: Przegląd epidemiologiczny, v. 19, no. 3, 1965, 321-330

TOPIC TAGS: immunization, disease control, virus disease, hepatitis, disease incidence

ABSTRACT: Mass vaccination against smallpox carried out between the end of July and September 1965 coincided with a rise in the incidence of viral hepatitis. The latter appeared to spread more frequently in districts where the bulk of the population had been vaccinated (34 to 100 percent), and paradoxically where the lowest percentage of vaccinations had been recorded (7 to 9 percent). Analysis of data obtained over a period of 7 months revealed that mass smallpox vaccination entails the risk of viral hepatitis which reached the critical point about three months after vaccinations had begun. This is consistent with the assumed incubation period of serum hepatitis. However, lack of correlation between the risk index of infectious hepatitis and the number of vaccinations would indicate that the latter had little influence on the spread of the overall epidemic but may have contributed to a rise in the number of cases. The authors express thanks to Mieczysław Graczykowski, Jadwiga Iwanicka, Ewa Jarnuszkiewicz, Bohdan Brojek for technical assistance and compiling the statistics. Orig. art. has: 5 figures and 4 tables.

[JPRS]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Card 1/1 mc

KAMINSKI, Wojciech; KULESZA, Alina; ROWECKA-TRZEBICKA, Krystyna;
STODULSKI, Jaroslaw; WOJNAROWSKI, Marian

Case of congenital lobar emphysema in 3-years-old child. Pediat.
Pol. 40 no.6:629-632 Je '65.

1. Z I Kliniki Pediatricznej AM w Warszawie (Kierownik: prof. dr.
med. R. Baranski), z Kliniki Chirurgii Dziecięcej AM w Warszawie
(Kierownik: prof. dr. med. J. Kossakowski) i z Zakładu Radiologii
Dziecięcej AM w Warszawie (Kierownik: prof. dr. med. K. Rowinski).

ROWINSKI, Ksawery, prof. dr.; KULISZA, Alina

Radiological aspects of congenital malformations in children.
Pediat. Pol. 40 no.2:151-157 F '65

1. Z Katedry Radiologii Pediatricznej Akademii Medycznej w
Warszawie (Kierownik: prof. dr. K. Rowinski).

KULESZA, Andrzej, mgr inż.

The Robotug. Horyz techn 1/ no.10816 0 '64

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26(3)

POL/1-60-2-4/14

AUTHOR: Kulesza, Andrzej, Graduate Engineer

TITLE: Atomic Horses

PERIODICAL: Horyzonty Techniki, 1960, Nr 2, pp 63-68 (POL)

ABSTRACT: The problem of nuclear rockets¹⁷ was discussed in the "Horyzonty Techniki", 1959, Nr 8, in the article entitled "Astronautical Perspectives". In this article the author deals with the theory of a nuclear aircraft and with various research carried out in this field in the USA. Reference is made to the "Orion" project, the Pratt Whitney prototype of a nuclear engine and to the "Convair" Plant and its experimental reactor for the B-36 aircraft. Although no technical details are available it can be safely assumed that the research on nuclear aircraft in the USSR is also in an advanced stage. A description of a project by the Soviet specialist Professor Pokrovskiy is given in the article. The Pokrovskiy aircraft is supposed to fly at an altitude of 20 km. A flight around the Earth at this altitude would last only a few hours. Since the fuel reserves would suffice for several round-the-earth flights the passengers will be carried to the aircraft, which would remain in the air, by smaller jet or rocket planes. The original feature of this aircraft design is based on the structure and

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Atomic Horses

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the operation of the engine and the uranium fuel which is not used in the form of rods or in the liquid stage but in the form of dust which is conveyed to pressurized air streams by an axial-flow compressor. The mixture of air and uranium reaches the reactor where as a result of fission a large amount of heat is liberated which drives the turbine. At the moment when the turbine blades are hit the air is decontaminated and the dust is collected in a special container and conveyed under pressure towards the front part of the engine (Figure 7). The hot air expands in the jet nozzle and provides the necessary thrust. A second modified version of this project, which eliminates this obvious disadvantage, i.e. the pollution of air with radioactive dust, is also known. In this case the uranium conveyed under pressure in a closed circuit would transfer the energy to a metallic liquid which would then heat the air passing through the exchanger. According to several Soviet publications, it can be ascertained that the USSR is planning to construct a fast nuclear aircraft which would cover one of the longest routes in the USSR, i.e. the route Moscow - Vladivostok, in only a few hours. In case of the aircraft being unable to land on the target airfield due to bad atmospheric conditions, the aircraft will be able to land on one of the not too distant airports. A picture of a Soviet nuclear

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Atomic Horses

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aircraft with a single reactor (Figure 9) and a picture of a nuclear air-
craft with helium (Figure 10) is also included in the article. ✓
There are 10 figures.

Card 3/3

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Notes

somehat incomplete but nevertheless

KULESZA, Bronislaw

Organization and scope of activities of the Committee of
Construction, City Planning and Architecture. Przegl techn
no.46:3,6 16 N '60.

KULESZA, C.

"Rational Organization of the Activity of Workers." p. 16, (GOSPODARKA RYBNA, Vol. 5, no. 8, Aug. 1953, Warszawa, Poland)

SO: Monthly Lists of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

KULESZA, C.

"More About the Products of Streams; A Discussion," P. 9. (GOSPODARKA
RYBNA, Vol. 6, No. 8, Aug. 1954, Warszawa, Poland)

SO; Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 1, Jan. 1955 Uncl.

KULESZA, E.

AGRICULTURE

Periodicals: IAS POLSKI Vol. 31, no. 23, Dec. 1957

KULESZA, E. Regulation of pay for workers of the state forest enterprises.
p. [2] of cover.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

BUCZYNSKI, Eugeniusz; GLOWACKA, Mirosława; KULESZA, Halina; KOSTRUBAŁA, Maria

A case of moniliasis and aspergillosis of the lungs and paranasal sinuses in a 7-year-old girl. Otolaryng. Pol. 18 no.2:295-298 '64.

1. Z II Kliniki Pediatricznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. T. Lewenfisz-Wojnarowska); z Zakładu Radiologii Pediatricznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. med. K. Rowinski) i z Oddziału Laryngologii przy II Klinice Pediatricznej (Kierownik: doc. dr. med. J. Danielewicz).

11-2

CA

Influence of chemical compounds on the development of plants. Jan Kulesza. *Przemysl Chem.* 3, 432-5 (1947).—
 A review. The toxicological and growth-increasing properties of various chem. compds. such as org. and inorg. insecticides, vitamins, and plant hormones are described and an attempt is made to correlate the properties with the chem. structure. Frank Gonet

ASA-ILA METALLURGICAL LITERATURE CLASSIFICATION

CA

15-A

Arsenic wood preservatives. J. Kuleza. *Przemysl Chem.*
5 (28). 424-R (1949).—The various methods of impregnating wood are reviewed and the use is described of As_2O_3 , $Cu_2(AsO_4)_2$, $MgNH_4AsO_4$, $Ni(AsO_4)_2$, Na_2HAsO_4 , and $Zn(AsO_4)_2$ to impregnate wood. Frank Gonet

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| PROCESSES AND PROPERTIES INDEX | | | | | | | | | | | | | | | | | | | |
| <p><i>BC</i> <i>B-37</i></p> <p><i>... D. Imielska and J. ...</i> <i>... is obtained by using de Cler-</i> <i>... with</i> <i>... in an inert atm. ...</i></p> | | | | | | | | | | | | | | | | | | | |
| ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION | | | | | | | | | | | | | | | | | | | |
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| SYNDICATE | | | | | | | | | | SYNDICATE | | | | | | | | | |

②
Synthetic plant-growth regulators, J. Kolesa and I. Baranowska. *Przemysl Chem.* 9, 115-116 (1932) (English summary).—The plant-growth regulators, *p*-nitrophenylacetic acid and 1,4-ES have been synthesized. The results of expts. concerning root taking, growth activation, chem. compn. of plants, and their fruitage are given. G. A. W.

WELSH, J.

"In the Hapivok Forest", p. 17. (TIPYOTA, No. 4, Jan 1954, Warsaw, Poland)

SO: Monthly List of East European Accessions, (FEAL), IC, Vol. 4, No. 1, Jan. 1955, Uncl.

11/1/75

12

1. Manufacture of Polyethylene Glycol
Polyethylene Glycol (PEG) is a linear polymer of ethylene oxide units. It is a white, waxy solid at room temperature and is highly soluble in water and many organic solvents. PEG is used in a wide variety of applications, including pharmaceuticals, cosmetics, and industrial processes.

2. Properties

3. Uses

7. C. L. S. Z. A. J.

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Preparation of p-Methylacetophenone
Oxidation of p-xylene with Nitric Acid

An attempt to find a method of preparing p-methylacetophenone by oxidizing p-xylene with nitric acid. The yield obtained in the reaction of p-xylene converted and used in the reaction was 61%, the time of reaction was 15 hours and the temperature 85°C.

CH ①

PM

J. KULESZA

Preparation of *p*-methylacetophenone by the oxidation of *p*-cymene with nitric acid. J. Kulesza and W. Madaliński (W. S. R., Poznań, Poland). *Przemyśl Chem.* 11, 141-1 (1935).—In the oxidation of *p*-cymene (I) to *p*-methylacetophenone with HNO₃, best yields (40% calcd. on I) are obtained when the acid concn. is 21% and the reaction is allowed to proceed 6 hrs. at 85°; 14 references.

Werner Jacobson

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KULESZA, J., CELIŃSKA, D.

"HCH i inne insektycydy" (HCH and other insecticides), by J. Kulesza,
D. Celińska. Reported in New Books (Nowe Książki), No. 13, July 1, 1955

EXCERPTA MEDICA Sec.17 Vol.4/1 Public Health, etc. Jan58
KULESZA J.

319. KULESZA J. and KRYSTANEK E. Przyczynek do selektywnego tepienia muchy domowej w srodowiskach wiejskich *A contribution to the selective destruction of house flies in the rural areas* Roczn. Panst. Zakl. Hig. 1956, 7/6 (543—553) Graphs 2 Tables 1 Illus. 4

The problem of combating flies in rural areas leads in practice to the necessity of employing chemical agents in amounts which do not exert a negative influence on bacterial flora of fertilizers and compost which form the breeding ground for flies, not destroying useful insects and not causing rapid resistance. In the rural experimental centre very small amounts (2-10 g. for 1 sq.m.) of *p*-dichlorobenzene were employed in different breeding places and some parts of the sun-lighted or heated inner walls (about 20 % of the total) of the living quarters, pig sties, cowsheds, etc. were sprayed by means of HCH and DDT. The last mentioned preparations were rendered crystalline by proper admixtures which is more desirable with regard to activity and rapidity of evaporation (or sublimation). For 4-6 weeks the flies were got rid of by employing 10-20 % of the quantity of agents used before. The flies are not inclined to lay eggs on media containing slight amounts of *p*-dichlorobenzene (2-10 g. for 1 sq.m.). If the feeding places contain small amounts of *p*-dichlorobenzene flies rather avoid such places. In combating flies in a rural environment the quantity of agents used for repelling the flies from the feeding-breeding places should be enlarged and the number of contact poisons should be greatly reduced by utilizing photo- and thermotropism of flies and by proper regulation of the activity of spraying folia.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410014-3

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410014-3"

KULESZA, J.: DIUGOKECKA, H.

Destruction of breeding nests of rats by using cutaneous poisons. P 307

ROCZNIKI (Panstwowy Zaklad Higieny) Warsaw ^{FE AND} Vol. 9, no. 3, 1958

Monthly List of East European Accessions (EEAI) LC. Vol. 8, no. 7, July 1959

Uncl.

COUNTRY : POLAND
CATEGORY : Chemical Technology, Chemical Products and Their Applications, Pesticides.
AFS. JOUR. : RZKChim., No 19, 1959, No. 64923
AUTHOR : Kulesza, G.; Baranowska, T.; Michalski, Z.
INSTITUTE : -
TITLE : Indigenous Production of Rhodenticides and the Ways of Its Development.
ORIG. PUB. : Izv. chem., 1959, 37, No 9, 573-575

ABSTRACT : No abstract

Card: 1/1

H - 59

KULESZA, Jan; BARANOWSKA, Irena; SZANIAWSKA, Danuta

Attempts to intensify the resin exudation by means of fertilizing
and the application of resin diluting chemicals. Sylwan 106
no.3:55-62 '62.

L 36893-66 EWP(j) RM

ACC NR: AP6027109

(N)

SOURCE CODE: PO/0099/66/040/001/6131/0132

AUTHOR: Kulasza, Janusz; Wojtkiewicz, Barbara

24
B

ORG: Department of Herb and Spice Technology, Polytechnic Institute, Lodz (Zaklad Technologii Ziol i Aromatow Politechniki)

TITLE: Preparation of pinonaldehyde by the Rosenmund method

SOURCE: Roczniki chemii - annales societatibus chimicae polonorum, v. 40, no. 1, 1966, 131-132

TOPIC TAGS: catalysis, chemical reduction, aromatic aldehyde

ABSTRACT: The paper describes a method of preparation of pinonaldehyde by means of catalytic reduction of pinonic acid chloranhydride with hydrogen. A product yield of 75.4 percent was obtained. [Orig. art. in German.] [JPRS: 35,392]

SUB CODE: 07 / SUBM DATE: 17Apr65 / ORIG REF: 001 / OTH REF: 005

LS
Card 1/1

KULESZA, Janusz; PODLEJSKI, Jerzy; GORA, Jozef

Utilization of p-cymene for the synthesis of perfume compounds.
Pt. 4. Przem chem 42 no.6:298-302 Je '63.

1. Zaklad Technologii Ziol i Aromatow, Politechnika, Lodz.

HUJALA, Kasimierz

Isolated method for determination of 2,4-dinitrophenol in urine.

Bull. Inst. Mar. Med. Gdansk 15 no.3:207-212 1964

1. From the Institute of Marine Medicine in Gdansk.

KULESZA, Kazimierz

Determination of hydrocarbon content in the air of tankers of
the Polish merchant marine. Bull. Inst. Mar. Med. Gdansk 16
3/4:219-225 '65.

1. Z Instytutu Medycyny Morskiej w Gdansku.

KULESZA, Lech, inz.

Epoxide resin poured into grinding wheel holes. Mechanik
37 no.5:272-273 My'64.

1. Szczecin Ship Equipment Factory.

KULESZA, Lech, inż.

Technological problems of gluing metals with epoxy resins.
Przegi techn 85 no.15:5 12 Ap'64.

PISKORSKI, B., mgr. inż.; KULESZA, L., inż. (Szamocin)

Metal gluing in the Parafia Repair Shipyard. Dł. okrotowe Warszawa
10 no.1:33-34, 36 Ja '65.

EJSMONT, Wladyslaw; JASZCZENKO, Swietoslaw; KULESZA, Kazimierz; LEWALSKI,
Bronislaw; PRZYBOROWSKI, Tadeusz.

Toxicological studies on the impregnate "A". Bull. inst. mar.
med. Gdansk 14 no.1:131-138 '63

1. Z Instytutu Medycyny Morskiej w Gdansku.

*

EJSMONT, Wladyslaw; KULESZA, Kazimierz; LEWALSKI, Bronislaw

Poliary halasu na statkach. Bull. inst. mar.med. Gdansk
14 no.1:139-148 '63

1. Z Instytutu Medycyny Morskiej w Gdansku.

*

KULESZA, Krystyna

Barytes in Poland. Przegl geol 9 no.11:588-590 '61.

1. Instytut Geologiczny, Warszawa.

(Poland--Barite)

KULESZA, Roman; KORZAN, Bohdan

Problem of taking into account the influence of random changes of the reversible properties of functional elements in the process of synthesis of large systems. Archiw automat 9 no.4:443-452 '64.

1. Department of Computer Design of the Technical University, Warsaw, and Industrial Institute of Telecommunication, Warsaw.

L 168h-66 EWT(m)

ACCESSION NR: AP5009678

FO/0056/65/016/001/0009/0017

AUTHOR: ⁵⁵Kulesza, Romuald (Kulesha, R.); ⁵⁵Lipinski, Stanislaw (Lipin'ski, S.)

TITLE: Study of the primary symptoms of postradiation disease ⁵⁵

SOURCE: Acta physiologica polonica, v. 16, no. 1, 1965, 9-17 ³⁷
³⁵
^B

TOPIC TAGS: irradiation, radiation sickness, radiation biologic effect, vomit

ABSTRACT: This study is concerned with one of the main primary symptoms of post-radiation disease, namely the vomiting reflex. The experiments were carried out on dogs of both sexes weighing 7-22 kg, which were subjected to whole-body irradiation with X-rays (dose 12 r/min, total dose on the body 600 r, 20 mA, 180 kV, 0.5 mm Cu filter). The dogs were irradiated on an empty stomach. Duration and frequency of vomiting reflexes were studied in the experimental animals. With the purpose of elucidating the mechanism of the vomiting reflex after irradiation, pharmacologic agents with various points of action, i.e., in the central nervous system or in the vegetative nerve endings, were administered. The drugs studied included phenactil (largactyl), aviomarine, atarax, atrophine, spasmophen and regitine. Drugs acting on the central nervous system, such as phenactil, aviomarine and atarax, decreased

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L 1684-66

ACCESSION NR: AP5009678

2

the number of vomiting reflexes in the experimental dogs. Drugs paralyzing the parasympathetic nervous system diminished or even abolished the vomiting reflex in the irradiated animals. Administration of drugs paralyzing the sympathetic system had no distinct inhibitory effect on the vomiting reflex. In order to determine the role of the vomiting centers in the phenomenon studied, additional experiments were performed in which the same pharmacologic drugs were administered, followed after 10 minutes by apomorphine. From a comparison of the results of the experiments with irradiated dogs and those in which apomorphine was administered it may be concluded that the vomiting reflex in irradiated animals is the result of stimulation of the parasympathetic nerve endings. Inhibition of vomiting reflexes by drugs acting on the central nervous system in irradiated dogs may be explained as a result of inhibition or blocking of the vomiting center previously stimulated by peripheral impulses. Orig. art has: 3 tables.

ASSOCIATION: Ośrodek Ochrony Radiologicznej i Radiobiologii w Warszawie (Center for Radiological Protection and Radiobiology)

SUBMITTED: 06Jul64

ENCL: 00

SUB CODE: LS

NO REF SOV: 005

OTHER: 005

Card 2/2 SP

L 61570-65

AP5013218

10/10/65 - 10/10/65/10/27/10/27

Alaza, P. (Kulesha, R.); Lipinski, S. 11/1/65

EFFECT: effect of the vegetative nervous system on the intestines of dogs after irradiation

SOURCE: Acta physiologica polonica, v. 16, no. 2, 1965, 227-234

TOPIC TAGS: radiological dosage, irradiation, irradiation effect, dosage, small intestine, system impairment, nervous system, vegetative nervous system

ABSTRACT: The sensitivity of the small intestine of dogs to neurohormones during irradiation sickness has been studied. Irradiation was delivered to dogs of both sexes weighing 10-12 kg. Two-centimeter specimens of the small intestine, obtained on the seventh day after irradiation, were studied. The results of the study are presented.

L 61570-65

ACCESSION NR: AP5013218

function control of the intestine by the vegetative nervous system is impaired during extradiation sickness; 2) in the main the sympathetic system of irradiated animals and in the blood picture of the animals there are changes characteristic of peripheral interstitial edema during extradiation sickness [Fig. 10-12].

ASSOCIATION: Ośrodek Ochrony Radiologicznej i Radiobiologii (Center for Radiological Protection and Radiobiology)

SUBMITTED: 08Sep64

ENCL: 00

SUB CODE: LS

NO REF SOV: 007

OTHER: 006

Card 2/2 ~~MP~~

Corcicki J. and Kulasa St. Wo Szpitala dla Chorożek Zakażeni w Warszawie. Our brzezny
a group krwi. Encyklopedia Sympozjowa Typhoid fever and blood groups Polski Tyfoidal
Lokarni, Warsaw 1949, 4/42 (1256-1257) Tables 1

One hundred cases of typhoid fever were investigated. It was found that in cases with
the A1 blood group the clinical features were more serious and the fatality rate about
19.0 % (in other groups the mortality was about 12.5 %). The duration of pyrexia
was shortest in males with blood group A and in females with blood group B. The
earliest positive seroagglutination tests were seen in cases with a long duration of
pyrexia. No attempt was made to determine statistically the value of the data obtained.

Chart - Latex (XV,4,6)

50: Medical Microbiology & Hygiene Section IV, Vol. 3, No. 7-12

KULESZA, Stanislaw, mgr., inz.

The MS-FY 41 type vertical milling machine with continuous steering.
Przegl mech 20 no.22:692 '61.

1. Członek Komitetu Redakcyjnego dwutygodnika "Przegląd Mechaniczny".

(Milling machines)

SZYMONA, Marian; SZYMONA, Olga; KULESZA, Stanislaw

On the occurrence of inorganic polyphosphate hexokinase in some microorganisms. Acta microbiol. pol. 11 no.4:287-299 '62.

1. From the Department of Physiological Chemistry, Medical School, Lublin.

(HEXOKINASE)

(MYCOBACTERIUM)

(PHOSPHATES)

(ADENOSINE TRIPHOSPHATE)

KULESZA, Stanislaw, mgr.,inz.

SHB 160 grinding machine for foundry cylinders. Przegl mech 21
no.5:152-153 '62.

1. Członek Komitetu Redakcyjnego miesięcznika "Przegląd Mecha-
niczny"

KULESZA, Stanislaw, mgr inz.

Grinding of brake back plates completely automatized.
Przegl mech 21 no.19/20:640-641 25 0 '62.

KULESZA, Stanislaw, mgr inz.

Recent designs of machine tools. Przegl mech 22 no.22:
704-705 25 N '63.

KULESZA, Stanislaw, mgr inz.

The combined ETB 63 machine tool. Przegl mech 23 no. 5: 152
10 Mr '64.

KULAGA, Stanislaw, age ind.

New types of longitudinal milling machines. Przegl mech 23 no.
20:602-603 25 0 '64

1. Technical Director, Central Machine Tool Design Office, Warsaw

KULESZA, Stanislaw, mgr. inż.

Bibliographical review. Przegl mech 23 no.24:727 25 B '64.

YU. A. G. Stanislav, mgr. inż.

Program controlled machine tools. Przegl mach 92 no.10:301-305 25 My '65.

1. Chief Engineer, Central Machine Tool Design Office, Pruszkow.

KULESZA, W.

Considerations on proper use of anti-anemic drugs. Wiadomosci
lek. 7 no.7:379-383 July 54.
(ANEMIA, therapy,)

JUDKIEWICZ, L.; KRYKOWSKI, E.; KULESZA, W.

Posttransfusional complications in the material from the
Medical Clinic of Lodz. Polskie arch. med. wewn. 26 no.12:
1851-1854 1956.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Łodzi Kierownik:
prof. dr. nauk med. J. Jakubowski. Łódź, ul. Sterlinga 1, II
Klin. Chor. Wewn.

(BLOOD TRANSFUSION, compl.
posttransfusional, statist. (Pol))

KULESZA, Wacław, mgr inż.

Devices for air dedusting with water seal. Przegl odlew 13
no.1:20-23 Ja '63.

KULFSZA, WITOLD.

Klucz do oznaczania drzew i krzewow. Wyd. 3.
opracowli K. Stecki i St. Koscielny. Warszawa, Panstwowe
Wydawn. Rolniczo i Lesne, 1955. 280p. (Key for the
identification of trees and shrubs. 3d ed.)
DA Not in DLC

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 12, December 1956.

SZYKIER, Leon; IZDEBSKI, Marian; KULESZA, Wojciech

Results of the treatment of rheumatoid arthritis with gold salts
according to observations on 656 patients. Pol. tyg. lek. 22 no.23:
912-914 4 Je '62.

1. Z Wojewodzkiej Przychodni Reumatologicznej w Lodzi; dyrektor:
dr med. Leon Szykier.

(ARTHRITIS RHEUMATOID ther)

KULESZA, Z,

Bookselling achievements of the past and plans for 1955, p. 4. (ROLNIK SPOLDZIELCA, Warszawa, Vol. 8, no. 3, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

KULESZYNSKI, W.

"Standard Control of Food Exports and Imports," p.12
(PRZEMYSŁ ROLNY I SPOŻYWCZY Vol. 8, no. 1, Jan. 1954 Warszawa, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

PIKUS, H.

"Remarks on the Changes Occurring in Mass during Storage", p. 6,
(GOSFORANKA NIEMNA, Vol. 7, No. 2, Feb. 1955, Warszawa, Poland)

80: Monthly List of East European Accessions, (1951), LC, Vol. 4,
No. 6, May 1955, Incl.

KULEV, B.
"Speedy utilization of reserves of eastern beech in the Strandzha Mountains." (p.99)
GORSKO STOPANSTVO
(Upravlenie Na Gorskoto Stopanstvo Kun Ministerskiiia Sovet) Sofiya Vol 10 No 1 Jan 1954
SO: East European Accessions List Vol 2 No 7 Aug 1954

"New directive for forest management in the People's Republic of Bulgaria."
Gorsko Stopanstvo, Sofiya, Vol 10, No 6, 1954, p. 260

EO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

Kulev, B.

Bulgaria / Forestry. Forest Economy.

K-4

Abs Jour: Ref Zhur - Biologiya, No. 1, 1958, 1344

Author : Kulev, B.

Title : Methods Used in France for Increasing the Productivity of Small Trees and Making Them Grow Larger

Orig Pub: Gorsko stopanstvo, 1956, No. 6, 253-261 (Bulgarian).

Abstract: Low-growing trees in France occupy 23% of the whole forested area. With every major cutting the humus under the young low-growing groves becomes acid and the soil conditions deteriorate. The composition of the grove also deteriorates: beech is replaced by hornbeam, hazel, and other less valuable species. The principal method used in increasing the productivity of low-growing

Card 1/2

Bulgaria / Forestry. Forest Economy.

K-4

Abs Jour: Ref Zhur - Biologiya, No. 1, 1958, 1344

forests and transforming them into high ones is that of auxiliary thinning accompanied by restorative thinnings (the method being described). From 60 to 80 years of thinning are required for transforming a low forest into a high one. In recent times the method of direct transformation of low-growing forests into high ones has been adopted: there is an intensive cutting, combined with seeding, as soon as the low-growing tree passes the state of economic maturity. At the same time other trees are planted. (The methods used are described).

Card 2/2

KULEV, B

"On the predominant height of the plants."

p. 333 (Gorsko Stopantovo. Vol. 13, no. 7. Sept. 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7. No. 2,
February 1958

S/019/61/000/021/036/074
A154/A126

AUTHORS: Roskin, Ye.S., Kulev, E.A., Darwin, V.V., Shcherbatykh, Yu.I.,
Konkhin, A.I.

TITLE: A method of polymerizing and copolymerizing acrylonitrile

PERIODICAL: Byulleten' izobreteniy, no. 21, 1961, 50

TEXT: Class 39c, 30. No. 142425 (689414/23 of December 19, 1960).
A method of polymerizing and copolymerizing acrylonitrile by mixing monomers,
distinguished by the fact that, in order to increase the throughput of the
apparatus, reduce costs, and make the process automatic, the process is
carried out in a vertical reactor column, whereby the components sink from
top to bottom under the effect of gravity due to the difference in the levels
and specific weights of the semi-finished and finished products.

Card 1/1

USSR/Chemistry - Cleaning of containers

FD-2647

Card 1/1 Pub. 50-12/18

Author : Kulev, E. A.

Title : A mechanized sand-blasting chamber

Periodical : Khim. prom. No 3, 161-162, Apr-May 1955

Abstract : Describes the design of a new sand-blasting machine for the cleaning of empty barrels, drums, and carboys which contained chemicals. The sand-blasting is carried out in an enclosed chamber, so that the operator is protected from sand and chemicals. One figure.

L 5290-66 ENT(m)/EPF(c)/EWP(1) RPL WA/RM

ACC NR: AP5022052

SOURCE CODE: UR/0286/65/000/014/0129/0129

AUTHORS: Guseva, I. A.; Mal'kov, N. S.; Makarov, Yu. A.; Kulev, E. A.; Izmaylova, I. S.; Shvareva, G. N.; Khantsis, R. Z.; Gladyshev, A. I.; Perepelkin, V. P.; Nikitina, D. M.; Cherkunin, K. I.; Rodziminskiy, V. V.

ORG: none

TITLE: Method for obtaining copolymers. Class 39, No. 144021

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 129

TOPIC TAGS: copolymer, pressure casting

ABSTRACT: This Author Certificate presents a method for obtaining copolymers on the basis of methyl methacrylate and esters of acrylic acid by a suspension method. To obtain colorless copolymers suitable for fabricating products by casting under pressure, higher alcohols, e.g., octyl, as a plasticizer, esters of phthalic acid, e.g., dicyclohexyl, as a stabilizer, and derivatives of aminocumarone, e.g., phenyl ester of (naphtho-1', 2':4', 5')-triazoline (2')-stilbene-2-sulfoacid, as a clarifier are added to the mixture.

SUB CODE: MT, GC/ SUBM DATE: 15 May 61/ ORIG REF: 000/ OTH REF: 000

Card 1/1

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"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410014-3

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927410014-3"

KULEV, E.A.; MENKIN, B.M.; PISAREVSKIY, M.Ye.; STEP, N.Ya.; SHCHERBIN, V.A.

Thermal decontamination of the wastes of chemical industries
with consecutive utilization of the waste heat. Khim. prom.
41 no.5:380-383 My '65. (MIRA 18:6)

BONDAR', V.V., inzh.; KULEV, G.B., inzh.

Application of polyethylene for the protection of pipelines
against corrosion. Khim. i neft. mashinostr. no.6:35 D '64
(MIRA 18:2)

TOTEV, T.; RULEV, I.

Potentiometric determination of manganese in soil. Pochvovedenie
no.1:90-94 Ja '65. (MIRA 18:7)

. Vysshiy sel'skokhozyaystvennyy institut imeni Georgiya Dimitrova,
g. Sofiya.

FOMIN, M.I., kand.tekhn.nauk; KULEV, I.A., inzh.

Performance testing of bitumen dosing pumps. Stroil.i dor.
mashinostr. 5 no.7:30-32 J1 '60. (MIRA 13:7)
(Bitumen) (Pumping machinery)

MINTS, L.Ye., starshiy nauchnyy sotr.; NEMCHINOV, V.S., akademik, otv. red.; KONTOROVICH, L.V., red. toma; KULEV, I.A., red. toma; NOVOZHILOV, V.V., prof., red. toma; LUCHKINA, A.N., red. izd-va; SHEVCHENKO, G.N., tekhn. red.; GOLUB', S.P., tekhn. red.

[Transactions of the Scientific Conference on the Application of Mathematical Methods in Economic Research and Planning] Trudy Nauchnogo soveshchaniia o primeneniі matematicheskikh metodov v ekonomicheskikh issledovaniakh i planirovanii. Moskva, Izd-vo Akad. nauk SSSR. Vol.1. [General problems in the use of mathematics in economics and planning] Obshchie voprosy primeneniia matematiki v ekonomike i planirovanii. 1961. 291 p. (MIRA 15:1)

1. Nauchnoye soveshchaniye o primeneniі matematicheskikh metodov v ekonomicheskikh issledovaniyakh i planirovanii. 1960. 2. Chlen-korrespondent Akademii nauk SSSR (for Kontorovich). (Economics, Mathematical)

PERVISHIN, M.G.; LOGINOV, F.G.; ZHIMERIN, D.G.; PAVLENKO, A.S.;
KULEV, I.A.; DONCHENKO, V.I.; DROBYSHCHEV, A.I.; DMITRIYEV, I.I.;
YERMAKOV, V.S.; SOSNIN, L.A.; PODUSHKIN, A.S.; SMIRNOV, M.S.;
TARASOV, N.Ya.; NIKOL'SKIY, G.P.; KRYLOV, N.A.; KOGTEV, G.I.;
ACHKASOV, D.I.; VESELOV, N.D.; CHIZHOV, D.G.; UGORETS, I.I.;
NIKIFOROV, F.N.; PLATONOV, N.A.

Vladimir Nikolaevich Sergeev; obituary. Mlek. sta. 27 no.3:63 Mr
'56. (MIRA 9:8)

(Sergeev, Vladimir Nikolaevich, 1903-1956)

KULEV, Iliodor Anatol'yevich; PODGORNOVA, V., redaktor; TROYANOVSKAYA, N.,
tekhnicheskii redaktor

[Electrification of the U.S.S.R. in the sixth five-year plan]
Elektrifikatsiia SSSR v shestoi piatiletke. Moskva, Gosizd-vo
polit.lit-ry, 1957. 94 p. (MLRA 10:7)
(Electrification)

FOMIN, M.I., kand.tekhn.nauk; KULEV, I.A., inzh.

Bitumen measuring hopper for the D-333 automatic mixer. Mekh.
stroi. 19 no.12:24 D '62. (MIRA 15:12)

(Mixing machinery)

(Bitumen)

ca

Paper sizing. Theory and practice of paper sizing. Ya. G. Khinchin. Leningrad. *Chimicheskii Nauch. Nauch. Institut. Tekhn. (Ishchevaya Tekhnologiya-Bumashukh. Prom. 1935, No. 5, 5-31; cf. C. A. 28, 42289; 30, 0119.*

Paper sizing with resins. I. G. Kuliy. *Ibid.* 32: 111. A comprehensive, crit. review of literature, with 90 references, on the methods of prepn. and uses of resinates used in sizing of paper. **Theory and practice of cold size in sizing of paper.** I. L. Kogan. *Ibid.* 112: 21. **method of paper sizing.** I. L. Kogan. *Ibid.* 112: 21. cf. Zhurnal, C. A. 18, 1107. **Sizing of writing and tablet papers.** S. S. Kuyshinov. *Ibid.* 122: 4. From the tabular presentation of the degree of sizing of various grades of paper obtained at different mills, it is concluded that white size gives better results than cold size in sizing of paper composed of 100% bleached chem. pulp or conig. in its compn. mech. pulp. **The effect of sizing from the theoretical viewpoint of capillarity, and methods of determining the degree of sizing.** I. I. Kovalevskii. *Ibid.* 125: 41; cf. C. A. 1, 20, 2139. **Use of starch gelatinized with an alkali in sizing of paper.** N. M. Baron. *Ibid.* 143: 9. The comparative effectiveness of potato starch sizes in sizing of mech.-drawing paper (80% bleached wood, 25% flax and 15% cotton pulp) was studied by using 6% sol. starch, crude starch gelatinized with water at 65° and 95°, with and without a subsequent addn. of an equal part of crude starch, and starch gelatinized in 10 parts of water with 12.5% NaOH (on the wt. of starch) (10% soln.) in the cold or with 6% NaOH at 50°. The last 2 sizes gave the best results, requiring no addn. of

23

rosin size. The resulting drawing paper possesses the required d. and mech. properties, leaving, after erasures of old markings, a smooth surface suitable for redrawings. **Use of paraffin in sizing of print paper.** S. A. Zaitsev. *Ibid.* 150: 1. In the prepn. of aq. emulsion of paraffin with the aid of tart. and stearic, palmitic, ricinoleic and cerotic acids, the latter 2 gave the best emulsifying results. A stable emulsion of paraffin was obtained by heating a mixt. of paraffin with 1-2% cerotic acid to a marked clarification and stirring it energetically with dil. NaOH at 100°. In sizing of paper with this emulsion, the paraffin is uniformly deposited throughout the fiber without the aid of any pptg. agent. The paper sized with this emulsion when dried at about (not above) the m. p. of paraffin retains it without any sepn. from the fiber. **Latest investigations in the field of colloidal and physical chemistry, and their application to the problems of paper sizing.** V. Ya. Kurbatov. *Ibid.* 152: 15. The theory and practice of paper sizing and sizes are discussed in the light of the modern conceptions of the structure and interaction of solvents and fibers. **Resolutions of the first All-Union scientific-industrial conference on the theory and practice of paper sizing.** Anon. *Ibid.* 176: 8. Plans for the investigation of the theory and improved methods of prepn. of sizes and sizing adopted at the conference are discussed. **Bibliographical index of the literature on sizing.** I. A. Geller. *Ibid.* 179: 212. Chas. Blum

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

23

Röntgenographic studies of the swelling capacity of commercial pulps. I. G. Kulev. Tsentral. Nauch.-Issledovatel. Inst. Bumazh. Prom. Materialy 1940, No. 20, 82-112. —The swelling capacity of cellulosic fibers was studied by the Röntgenspectrographic method of Katz (C. A. 29, 2000⁴) in the Debye-Scherrer x-ray app. In all, 18 kinds of fiber, including native ramie and bleached and unbleached sulfite and sulfate pulps of different degree of hardness, were tested. Cut strips (0.01 g.) were treated in 4 ml. of 11.5 and 12% NaOH at 17-18° for 20 min., the swollen fibers were washed with water and 1% AcOH and, after rinsing with water, pressing and drying in air, were examd. The tabulated results show that, in agreement with the literature data (cf. Hess and Trogus, C. A. 25, 2292), the diagrams of swelling vary with different fibers (com. pulps). The abs. value of swelling shows no relation to other consts. of the pulps tested. Bleaching and beating increase the degree of swelling. The application of the method in the control of pulp and paper production requires further development. C. B.

ASS-ILA METALLURGICAL LITERATURE CLASSIFICATION

23

17

Paper for telegraphic tape. I. G. Kulev and N. I. Timesheva. *Tsentral. Nauch.-Issledovatel. Inst. Bumash. Prom. Materialy* 1940, No. 24-30, 230-47. - Highly satisfactory telegraph tape was obtained from an equal mixt. of bleached sulfite pulp, contg. 80-85% α -cellulose and 0.5% pentosans, and unbleached sulfite pulp of 75" hardness, contg. 7% pentosans. The mixt. was beaten to 65% freeness and impregnated with a mixt. of 20% starch, 15% liquid glass and 1% animal glue and then treated with 5-12% $Al_2(SO_4)_3$. The procedure is described in detail and the results of testing are given. Chas. Blanc

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

| PROCESSING AND PREPARATION | | | | | | | | | | | | | | | | | | | | | | | | | |
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| COMMON ELEMENTS | | | | | | | | | | | | | COMMON ELEMENTS | | | | | | | | | | | | |
| <p>CA</p> <p>23</p> <p>Paper for diaphragms of electrodynamic loud speakers. I. G. Kulev, N. L. Timosheva and D. M. Flyate. <i>Tekhnichesk. Nauch.-Issledovatel. Inst. Bimuzhskoi Prom., Materialy</i> No. 31, 137-69 (1940). —The acoustics of cast diaphragms contg. 50% of sulfite bleached mercerized pulp and 50% of sulfite unbleached pulp were equal to those of the American diaphragms contg. esparto fibers. The filays material is beaten under conditions excluding the formation of mucilage. Unbleached pulp is beaten to 27 Schopper-Rigler and the mercerized pulp to about 17. About 1% of rosin is sufficient for sizing the mass. For glued diaphragms the most suitable paper from technological and acoustical viewpoints is that contg. 50% bleached sulfite and 50% mercerized bleached pulp. Diaphragm paper contg. cotton fibers did not meet the specifications. An exptl. batch of diaphragm paper was made on a large scale from bleached sulfite pulp with the following const.: α-cellulose (Jentgen) 80.58, lignin (Schwalbe-Becker) 0.78, pentosans (Tollens) 5.07, Cu no. (Bertrand) 1.90%. After mercerization the same pulp showed the following values for the above const.: 94.84, 0.20, 1.72, and 0.89%, resp. Before addn. to the mixt. the mercerized product was washed for 8-10 hrs. with H_2O until neutral to phenolphthalein. The pulp was beaten to 13-20° Schopper-Rigler. Sizing was carried out with 1% rosin and 2.5% $Al_2(SO_4)_3$ and dyeing with 5% "direct black" and 1% "direct blue" on the wt. of the dry fibers. Tests showed it equal to the R. C. A. diaphragm RL-431-C. H. Z. K.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ASD-51A METALLURGICAL LITERATURE CLASSIFICATION</p> | | | | | | | | | | | | | | | | | | | | | | | | | |

KULEV, I. G.

Kulev, I. G. "Determination of nonfibrous organic substances in paper and cardboard," Materialy Tsent. nauch.-issled. in-ta bumazh. prom-sti, Issue 36, 1948, p. 167-204 -- Bibliog: 17 items

SC: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

KULEV, I. G.

Kulev, I. G. - "Gypsum as a filler for paper," Materialy Tsentr. nauch.-
issled. in-ta bumazh. prom-sti, Issue 37, 1948, p. 211-49
--- Bibliog: p. 248-49

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

CA

23

The production of photo-underlay paper. I. G. Kulev.
Humana. Prom. 24, No. 0, 18-21(1949). - The require-
ments for photo-underlay paper are reviewed and methods
of meeting these requirements are outlined. M. S.

PAVLINOVA, R.M.; KULEV, I.G., redaktor; SEMEL'KINA, S.I., tekhnicheskiy redaktor

[Decontamination of sulfite liquor] Obezvreshivanie sul'fitnykh shchelokov. Moskva, Goslesbumizdat, 1953. 38 p. [Microfilm]
(Sulfite liquor) (MLRA 7:10)

KULEV, I.G., kand. tekhn. nauk.

Paper from synthetic fibers. Bum. prom. 33 no.2:13 7 '58.
(Paper) (Textile fibers, Synthetic) (MIRA 11:3)

KULEV, I.O., kand.tekhn.nauk

International Organization for Standardization. Bum.prom. 33
no.10:28 0 '58. (MIHA 11:11)
(Standardization--Societies, etc.)

KULEV, I.G., kand.tekhn.nauk

Silicate fillers. Bum.prom. 34 no.2:20-22 F '59.

(MIRA 12:4)

(Fillers (In paper, paints, etc.)

KULEV, I.G., kand.tekhn.nauk

Calculating the extent of retention of the filler in paper.
Bum.prom. 34 no.9:17-18 S '59. (MIRA 13:2)
(Paper)

KULEV, I.G.

Group of the All-Union Scientific Research Institute of the Pulp
and Paper Industry discusses a plan of scientific investigations.
Bum.prom. 36 no.2:31 F '61. (MIRA 14:2)
(Paper industry)

KULEV, I.G.

Preventing the decreased quality of paper sizing. Bum. prom. 36
no.7:30 J1 '61. (MIRA 14:9)
(Sizing (Paper))

PETROV, A.P.; KULEV, I.G., nauchn. red.

[Difficulties in gluing paper and methods for their
elimination] Zatrudneniia s prokleikoi bumagi i spo-
soby ikh ustraneniia. Moskva, TSentr. nauchno-issl.
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i lesnomu khoz., 1963. 101 p. (MIRA 17:10)

KULEV, I.L.

Dynamics of a prognostically favorable variant of the so-called
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34-45 '63. (MIRA 18:9)

KULEV, I.L.

Clinical dynamics of the so-called organic psychopathies; catam-
nestic data. Zhur. nevr. i psikh. vol. 64 no.5:730-734 '64.

(MIRA 17:7)

1. Kafedra psikiatrii (zaveduyushchiy - prof.O.V.Karbiyev) II
Moskovskogo Instituta im. N.I.Pirogova.

LIPCHINSKIY, A.P.; KULEV, I.I.

Internal electrolysis without a diaphragm. Report No.4:
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19 no.3:357-362 '64. (MIRA 17:9)

1. Khimiko-tekhnologicheskii institut, Burgas, Bolgariya.

USSR/Engineering
Boilers

Mar/Apr 48

"Test of the Industrial Use of Hard Water in Transportable Type Boilers," Kh. V. Kulev, Engr, Biysk Boiler Factory; N. S. Rassudov, Cand Tech Sci, Cen Sci Res Turboboiler Inst imeni I. I. Polzunov, 3 pp

"Kotloturbostroy" No 2

Data shows load on radiating heating surfaces of small capacity boilers of various types. Gives results of experiments conducted to determine performance of small transportable boilers when operating on hard water having 20 to 30 Clark degrees hardness.

1/49T46

RULEV, L

"Production of early potatoes.", p 37, KOOPERATIVNO ZEMEDELIE, Vol 6, #1/2, Jan/Feb 1951, Bulgaria)

SO: Monthly List of ^{East European} Russian Accessions, ^{Vol 2, #8} Library of Congress, August 1953, Uncl.

KULEV, L.P.; STERNOVA, G.N.

Derivatives of diphenic acid. Part 1. Substituted amides of 2,2'-di-
phenic acid. Izv.TPI 111:16-19 '61. (MIRA 16:9)
(Diphenamide)

KULEV, L.P.; STEPANOVA, G.M.

Derivatives of diphenic acid. Part 2. Esters of substituted mono-
amides of 2,2'-diphenic acid. Izv.TFI 111:20-22 '61.

(MIRA 16:9)

(Diphenamide)

KULEV, L.P.; GIREVA, R.N.; ITTENBERG, A.M.; BELOSLUDTSEVA, Ye.S.

Diphenic acid esters and their plasticizing properties. Izv.TFI
111:26-29 '61. (MIRA 16:9)
(Diphenic acid) (Plasticizers)